



**Part Number:** 27641W

600V Tray, (2) 12 AWG (7x20) BC, XLP/HaloarrestXLink-2, TC

## Product Description

Two 12 AWG stranded (7x20) bare copper conductors, cross-linked polyolefin insulation, HaloarrestXLink-2 jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

Element	AWG	Stranding	Material	No. of Conductors
	12	7x20	BC - Bare Copper	2
No Ground				
<b>Total Number of Conductors:</b>				2

#### Insulation:

Material
XLPE- Cross Linked Polyethylene

#### Color Chart 1:

Number	Color
1	Black
2	Red

#### Stranding:

Lay Length
N mm

#### Outershield 1:

Material
Unshielded

#### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
HaloarrestXLink-2	0.39 in	0.047 in

## Electrical Characteristics

#### Conductor DCR:

Nominal Conductor DCR
1.65 Ohm/1000ft

#### Current:

Max. Recommended Current [A]
30 Amps per conductor @ 30°C

#### Voltage:

UL Voltage Rating
600 V RMS (NEC TYPE TC)

## Use

Suitability - Oil Resistance:	Yes - Oil Res II
Suitability - Sunlight Resistance:	Yes - Black only.
Max Recommended Pulling Tension:	102 lbs

## Safety

C(UL) Flammability:	FT4
IEEE Flammability:	1202
Other Flammability:	VW1 Singles
UL Flammability:	UL1685 Vertical Tray Flame Test

## Temperature Range

Dry Temp Range:	-30°C To +90°C
Wet Temp Range:	-30°C To +90°C

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	4 in
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## Part Number

Plenum (Y/N):	No
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## Standards

CA Prop 65 (CJ for Wire & Cable):	CA Prop 65 (CJ for Wire & Cable)
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
NEC/(UL) Specification:	NEC/(UL) Specification
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	EU CE Mark

## History

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